



DEPARTMENT OF THE AIR FORCE

OFFICE OF THE CHIEF OF STAFF

WASHINGTON, DC

1-6 JUN 1997

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Air Force Environment, Safety and Occupational Health (ESOH) Committee Meeting Minutes

The Air Force ESOH Committee held a meeting on May 22, 1997. Lt Gen Vesely, AF/CVA, and Mr. McCall, SAF/MIQ, co-chaired the meeting. The ESOH Committee members in attendance were:

SAF/AQR	Dr. Hellwig	HQ USAF/JA	Maj Gen Egeland
SAF/IA	Col Crowe	HQ USAF/ILM	Col Totsch
SAF/IG	Brig Gen Hessler	HQ USAF/XP	Mr. Hem-y
SAF/FM	Lt Col Suski	HQ USAF/RE	Brig Gen Bradley
SAF/GC	Mr. Sheuerman	SAF/LL	Maj Rafferty
HQ USAF/SG	Maj Gen Mabry	SAF/PA	Ms. Parr
HQ USAF/ILV	Col Brady	HQ USAF/ILE	Mr. Erickson
HQ USAF/XO	LtCol McBride	HQ USAF/DP	Ms. O'Neill
AFOSI/CC	Col Teller	NGB/CF	LtCol Ng

Opening Remarks

Lt Gen Vesely opened the meeting. He stated the ESOH Committee has phenomenal potential to do things that make a difference. His emphasis while co-chair will be to use the committee to make important decisions.

SAF/MIQ Productivity Presentation

Mr. McCall provided the committee with a follow-up on his Partnering for Performance SAF/MIQ goals from the February 1997 meeting. He summarized the objective is to move ESOP services from overhead to part of the production line. He informed the committee that he has briefed the concept of increasing productivity by 30% through efficient application of ESOH resources with industry, other services, and senior Air Force leadership. Those receiving the briefings were supportive of the concept. He stated that SAF/MIQ had met with the Air Force Center for Quality and Management Innovation and would continue to work with AF/XP community and the ESOH Committee Overarching Integrated Process Team to refine the productivity goal.

ESOH Aspects of Force Protection and Environment and Health Problems in the Russian Federation

Maj Gen Mabry summarized the ESOH impact on troops and mission accomplishment. He described pre-deployment, deployment, and post-deployment force protection requirements which provided a framework for the briefing by Dr. Murray Feshbach from Georgetown University.


Dr. Feshbach's presentation summarized the impact of environmental degradation and public health problems on the people of Russia and the Russian military. He cited statistics on radiological and chemical contamination by industry and the military. He also described the impact on the Russian environment and population. Conditions in Russia create potential health threats to Air Force members traveling in Russia that require preventive measures as well as follow-up medical surveillance and tracking. Environmental degradation in Russia is so significant that it potentially impacts current and future Air Force environmental outreach in support of preventive defense missions.

Cleanup Completion

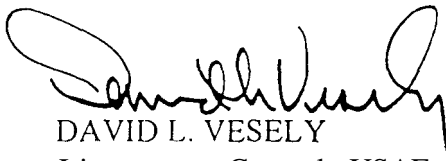
Ms. Dandeneau from AF/ILEV explained how the AF/ILE is creating efficiencies in the environmental cleanup program through stable funding and stakeholder dialogue. This resulted in timely completion of cleanup and return of total obligation authority to the Air Force. All but two installations are projected to have final cleanup systems in place by 2007, if funding remains stable and the Air Force sustains credibility and trust with stakeholders.

Closing Remarks

Lt Gen Vesely closed the meeting. The next ESOH committee meeting is scheduled for July 15, 1997, 1000 hours, at a location to be announced later.



THOMAS W. L. MCCALL, JR
Deputy Assistant Secretary
of the Air Force
(Environment, Safety and
Occupational Health)



DAVID L. VESELY
Lieutenant General, USAF
Assistant Vice Chief of Staff

Attachment:
Briefing Charts

DISTRIBUTION:

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HQ AMC/CV/CE/JA/LG/SE/SG/DP
HQ AFCEE/CC
HQ AFIA/MIE
HQ AFMC/CV/CE/JA/LG/SE/SG/DP
HQ PACAF/CV/CE/JA/LG/SE/SG/DP
HQ AFCESA/CC
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HQ AFSOC/CV/CE/JA/LG/SE/SG/DP
HQ USAFA/CV/CE/JA/LG/SE/SG/DP

cc:

SAF/MIQ (w/o Atch)
SAF/AQR (w/o Atch)
SAF/LL (w/o Atch)
SAF/IG (w/o Atch)
SAF GCN (w/o Atch)
SAF/FMB (w/o Atch)
SAF/PA (w/o Atch)
HQ USAF/CVA (w/o Atch)
HQ USAF/ILE (w/o Atch)
HQ USAF/IL (w/o Atch)
HQ USAF/SC (w/o Atch)
HQ USAF/XP (w/o Atch)
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HQ USAF/XOO (w/o Atch)
HQ USAF/DPP (w/o Atch)
HQ USAF/SG (w/o Atch)
HQ AFBCA/DR (w/o Atch)
NGB/CF (w/o Atch)

*ESOH Paradigm:
Partnering for Performance
"Productivity"*



Mr. Thomas W.L. McCall, Jr
Deputy Assistant Secretary
(Environment, Safety & Occupational Health)



SAF/MIQ GOALS

"2005 Goals"

*Financial
Management*

Acquisition Reform

Logistics

*Information
Management*

PRODUCTIVITY

30% Increase

EHS Management System

(fully implemented)

Environmental Mgt System

Operational Risk Mgt

Process-Task Analysis



SAF/MIQ GOALS

LEADERSHIP AGENDA

- **Mandate from the Top**
- **Leadership Commitment**
- **Tools**
- **System**
- **Partnership for Productivity**



SAF/MIQ GOALS

“Building the Mandate”

Air Force

Mr Orr
LG Gamble
BG Cameron
Dr Kavar
AFMC ELC
SPACECOM ELC
ANG EPC

Army

Mr Fatz
MG House

Navy

Ms Munsell
Ms Evans
VADM Hancock
RADM Totesek
RADM Nash



SAF/MIQ GOALS

“Building the Mandate”

OSD

Ms Goodman

Mr Vest

Mr Meehan

Mr Bowling

Col Marshall

Other Agencies

Department of Energy

Department of Commerce

EPA

NASA

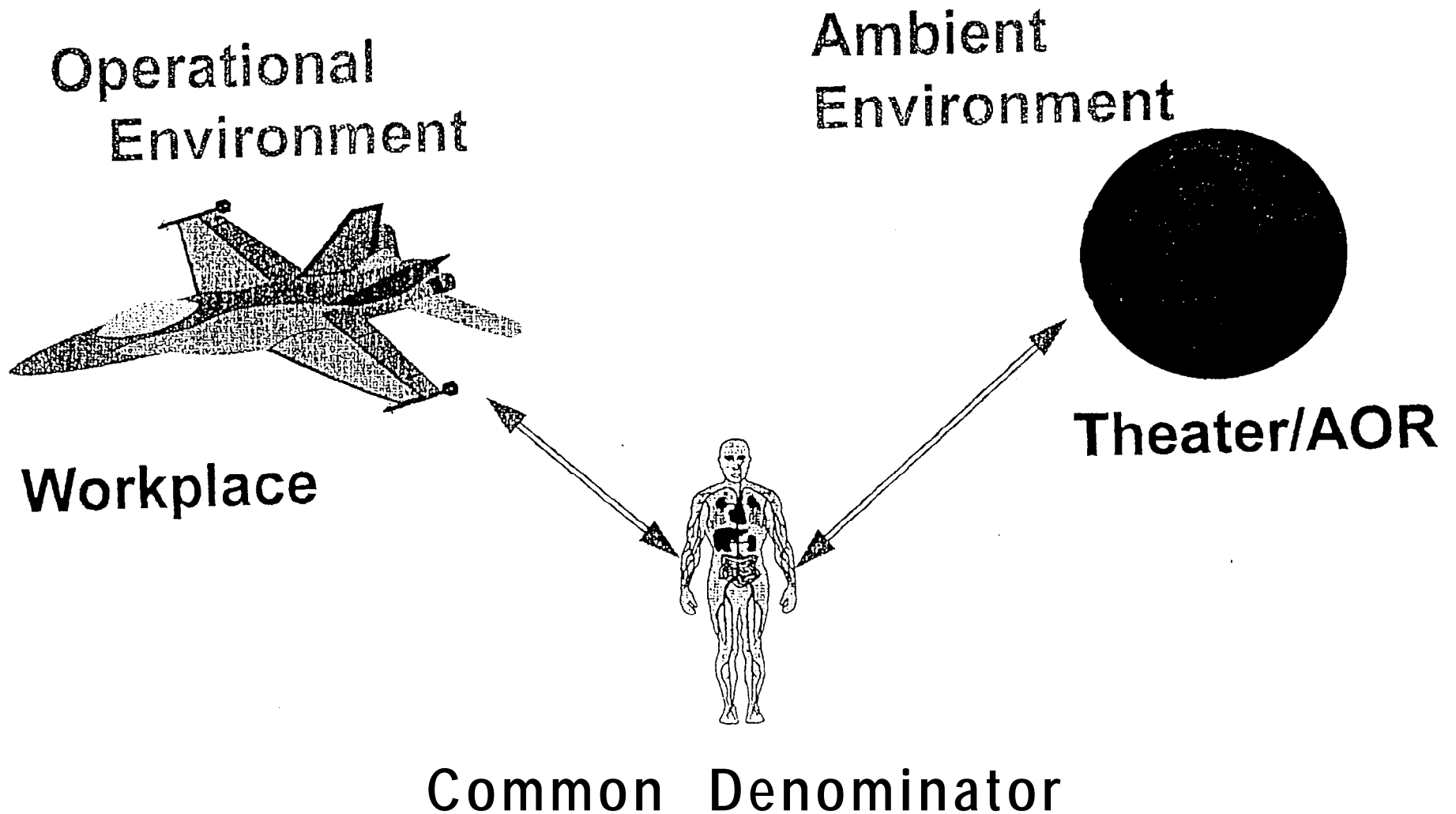
NOAA

Industry

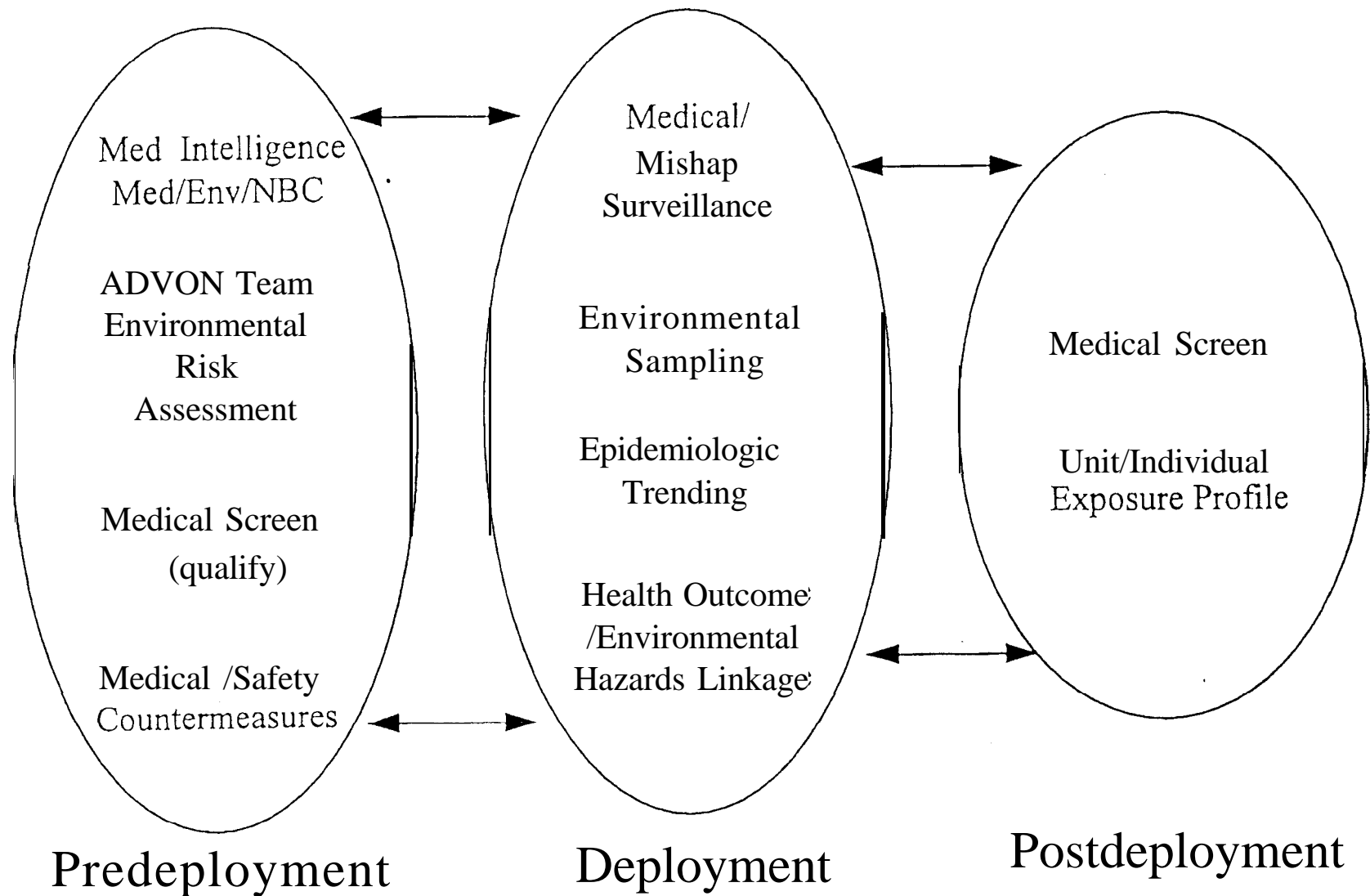
McDonnell Douglas

Lockheed Martin

ESOH IMPACT ON TROOPS and MISSION ACCOMPLISHMENT



ESOH Force Protection



ESOH Hazards in FSU May Impact Our Troops/Missions

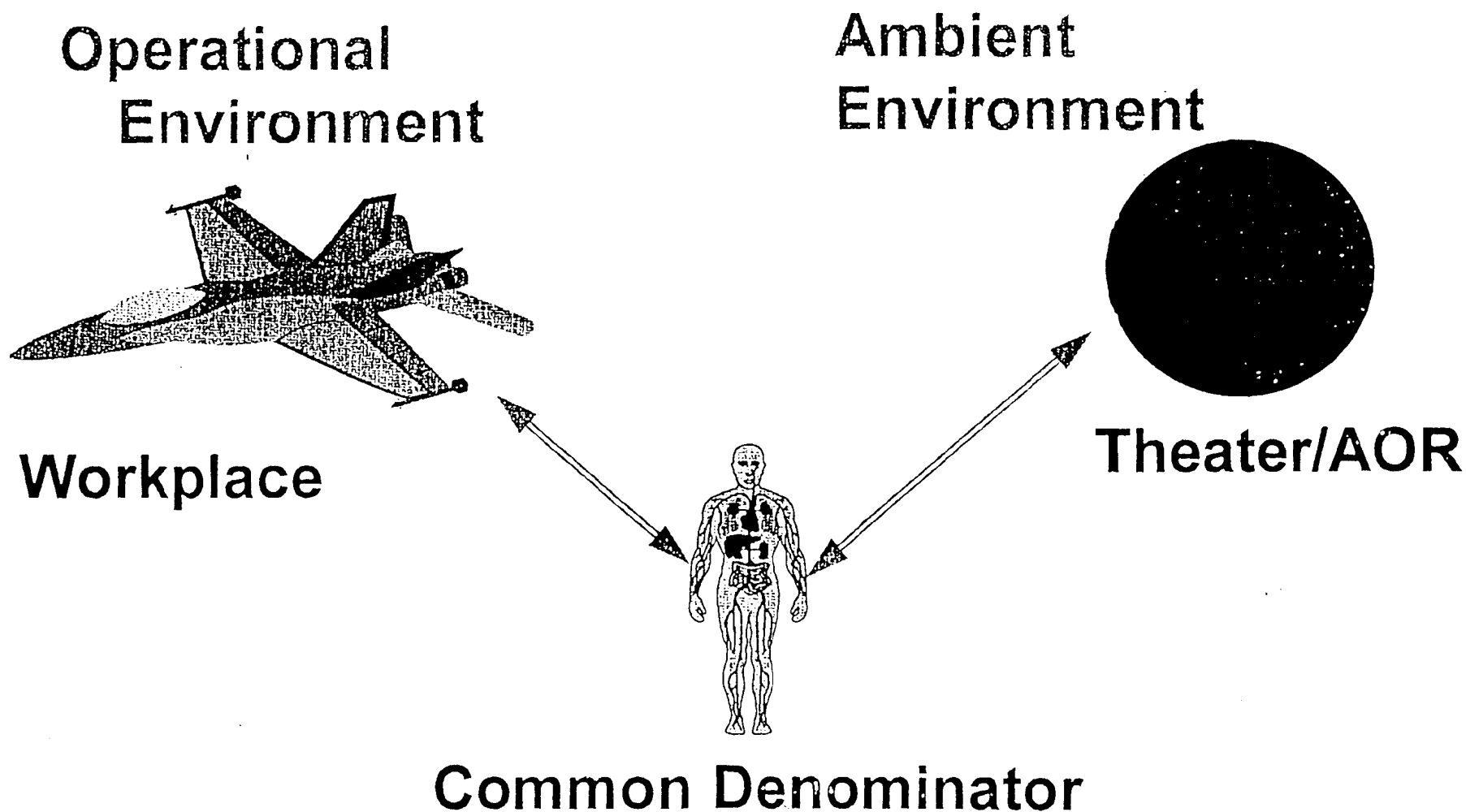
- Dr Feshbach, Georgetown University
 - Recognized Expert on USSR Population Demographics & Environmental and Health Issues

CURRENT AND FUTURE ACTIVITIES IN FSU

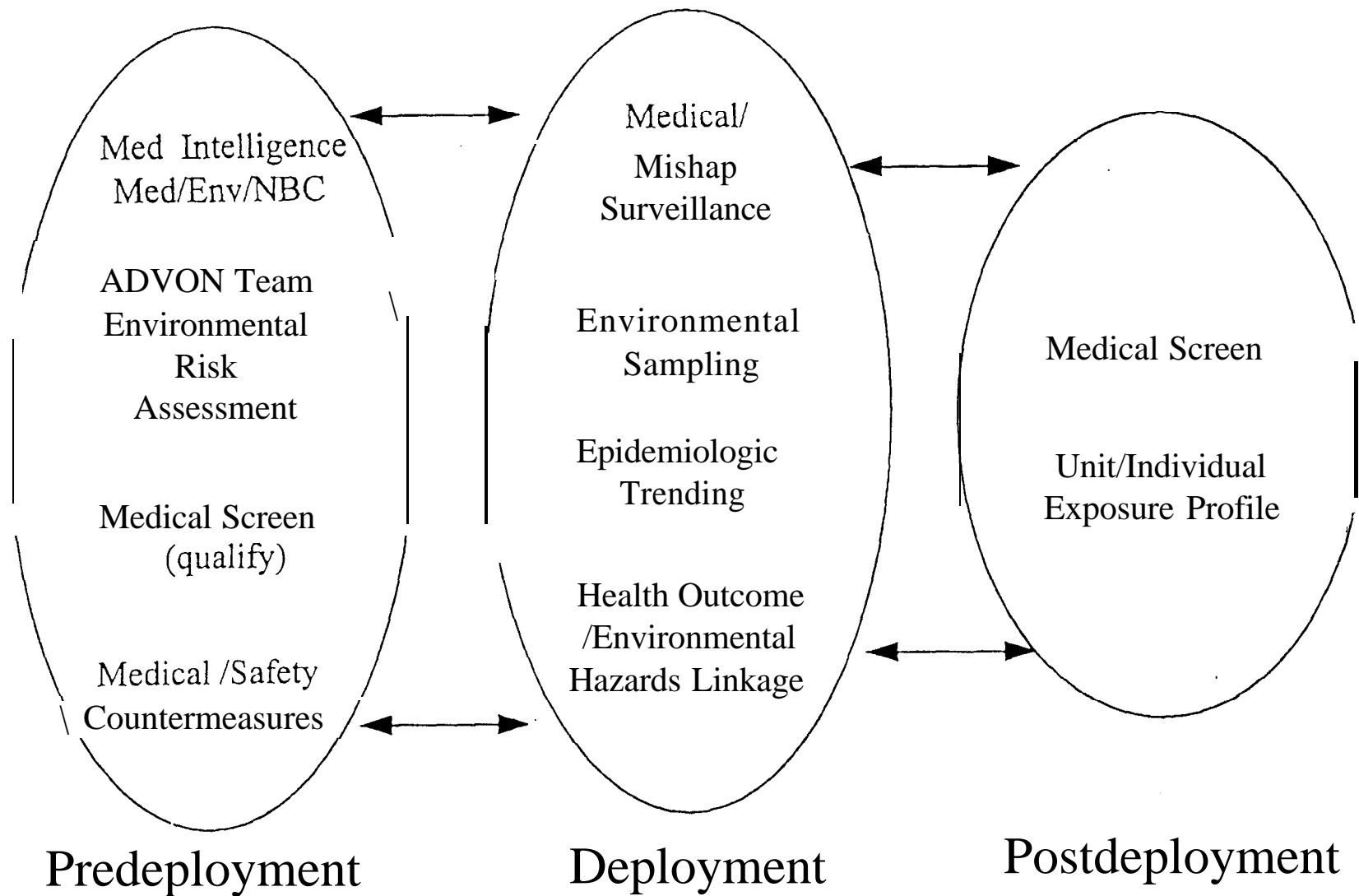
- Attache Duties/Mil to Mil/NATO Exercises/Humanitarian Aid
- Environmental Remediation Programs (Arctic Military Environmental Coop)
- Current Project on Toxic Effects of Rocket Fuel

Personnel Our to Impacts Health Concern:

ESOH IMPACT ON TROOPS and MISSION ACCOMPLISHMENT



ESOH Force Protection



CURRENT AND FUTURE ACTIVITIES IN FSU

- Attache Duties/Mil Exchange/NATO Exercises/Humanitarian Aid
- Environmental Remediation Programs (Arctic Military Environmental Coop)
- Environmental Impacts of Fuel and Rocket Launches

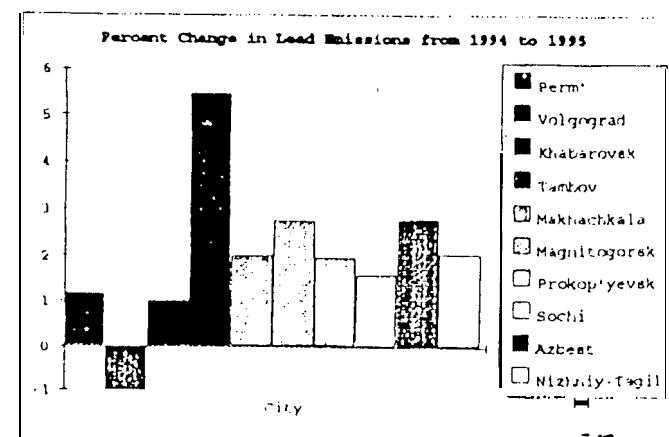
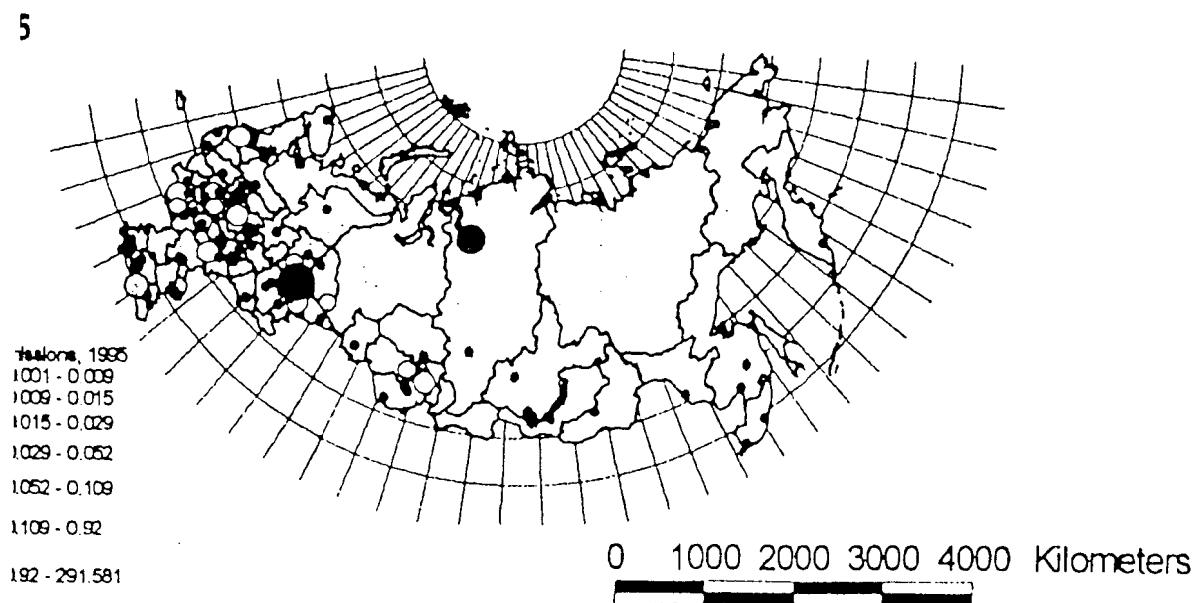
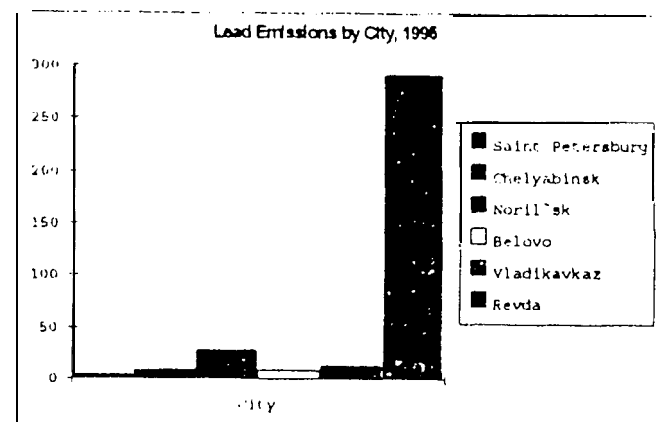
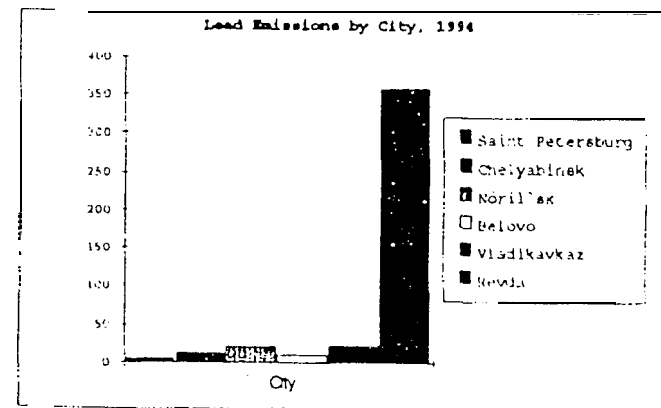
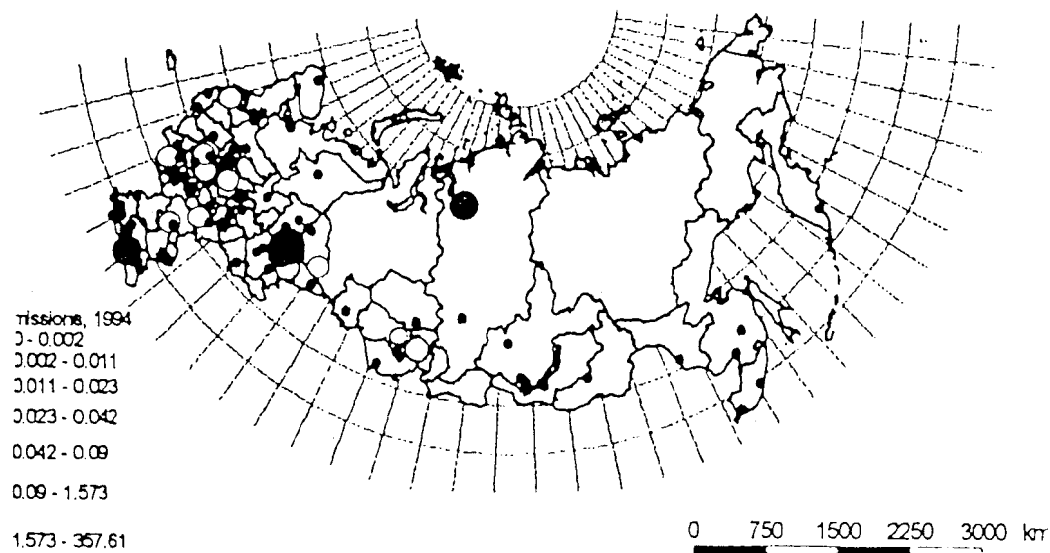
Concern: Environment Impacts the Health of Our Personnel and Mission Accomplishment

ESOH Hazards in FSU

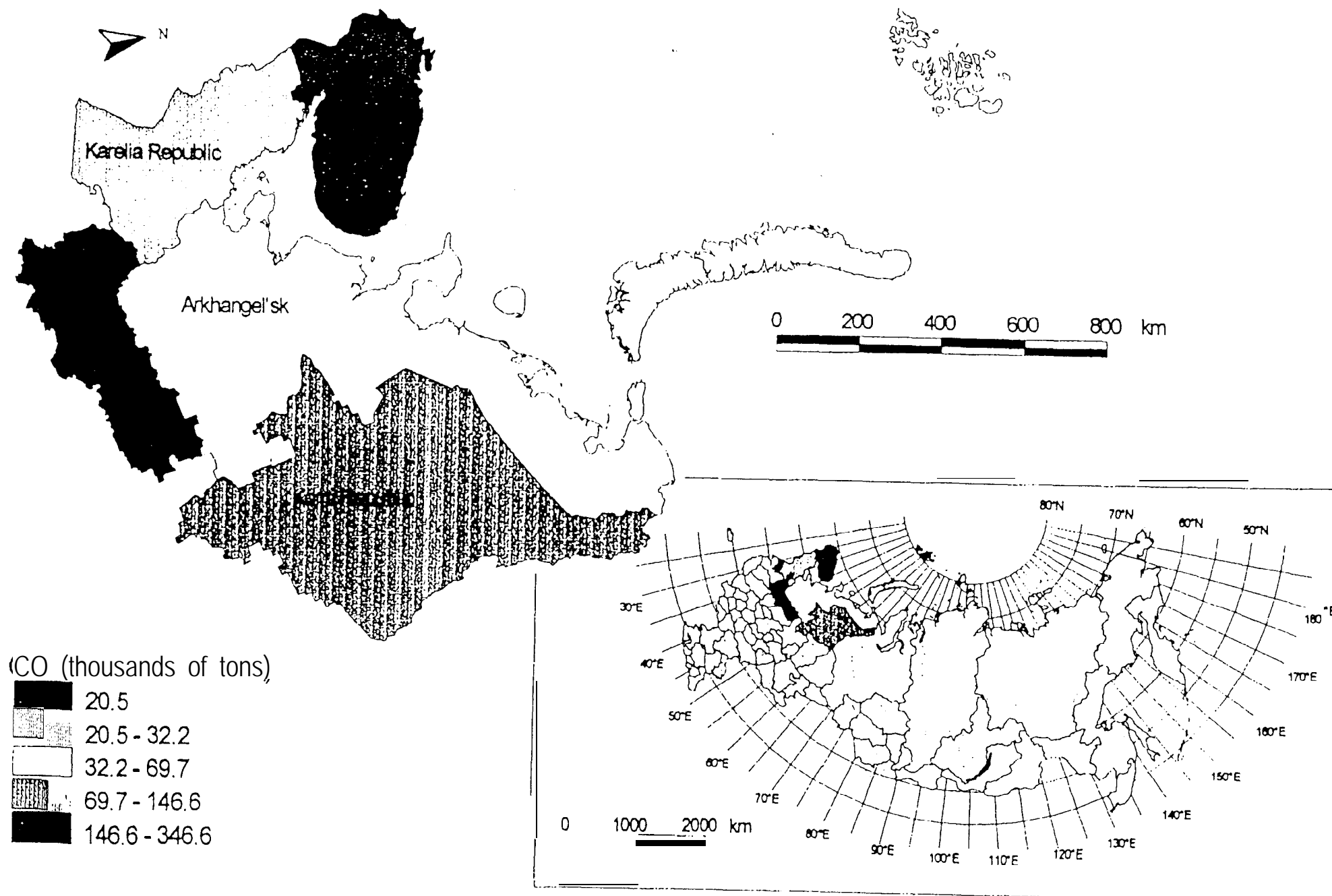
May Impact Our Troops/Missions

- FSU is Example of Environments Faced
- Similar Situations Exist in Other Deployment AORs
- Dr Feshbach, Georgetown University
 - Recognized Expert on USSR Population Demographics & Environmental and Health Issues

Lead Emissions by Russia: 1994, 1995 (in tons)

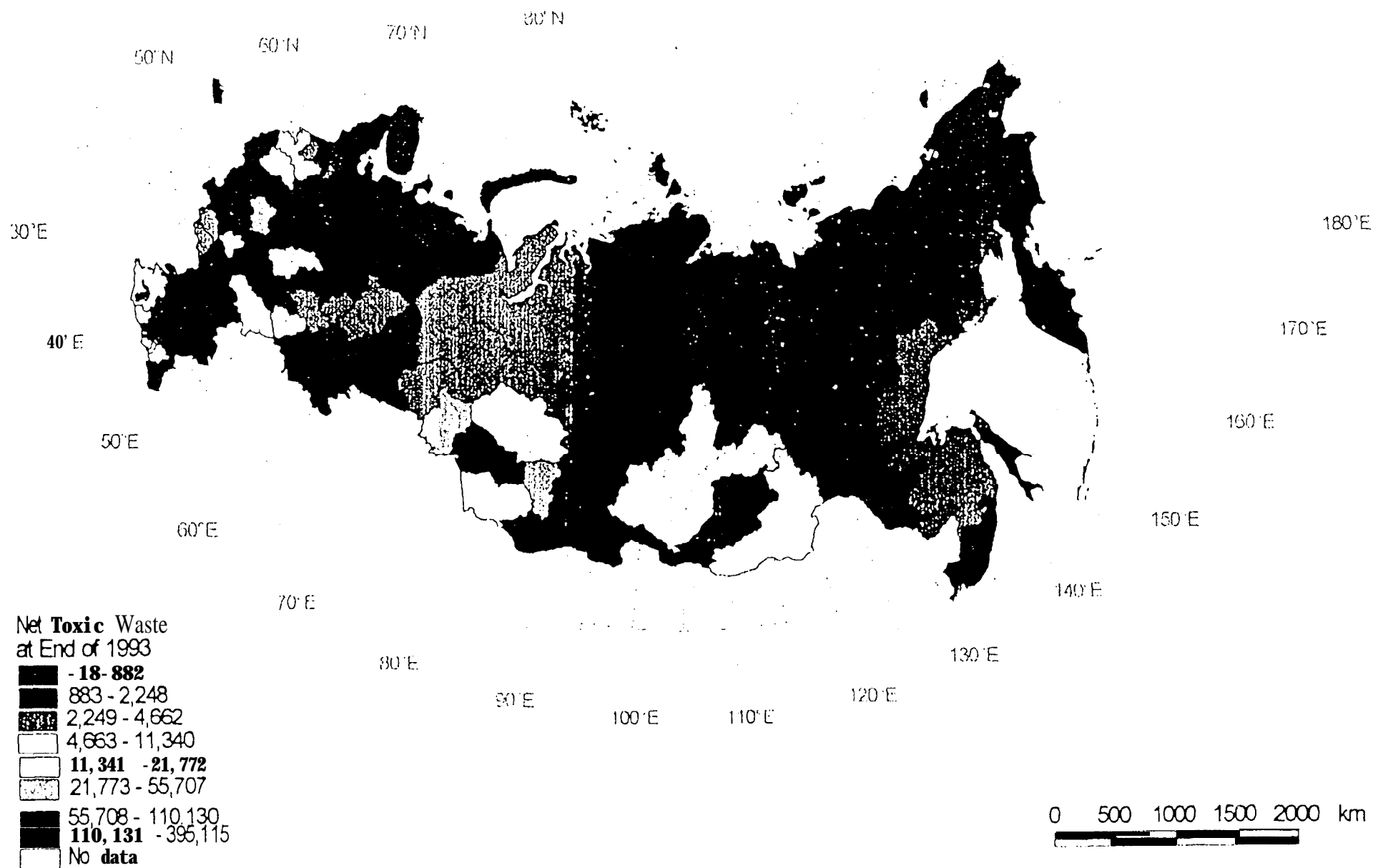


tin Monoxide Emissions in the North, Region of the Russian Federation, 1994 (In thousands of tons)



Source: Ministerstvo okhrany okruzhayushchey sredy i prirodnkh resursov Rossiyskoy Federatsii. *Okrugnaya ushebaya narodnaya speda Rossii (kratkiv ohzor)*. Moscow: "Ekos" 1995. p. 39

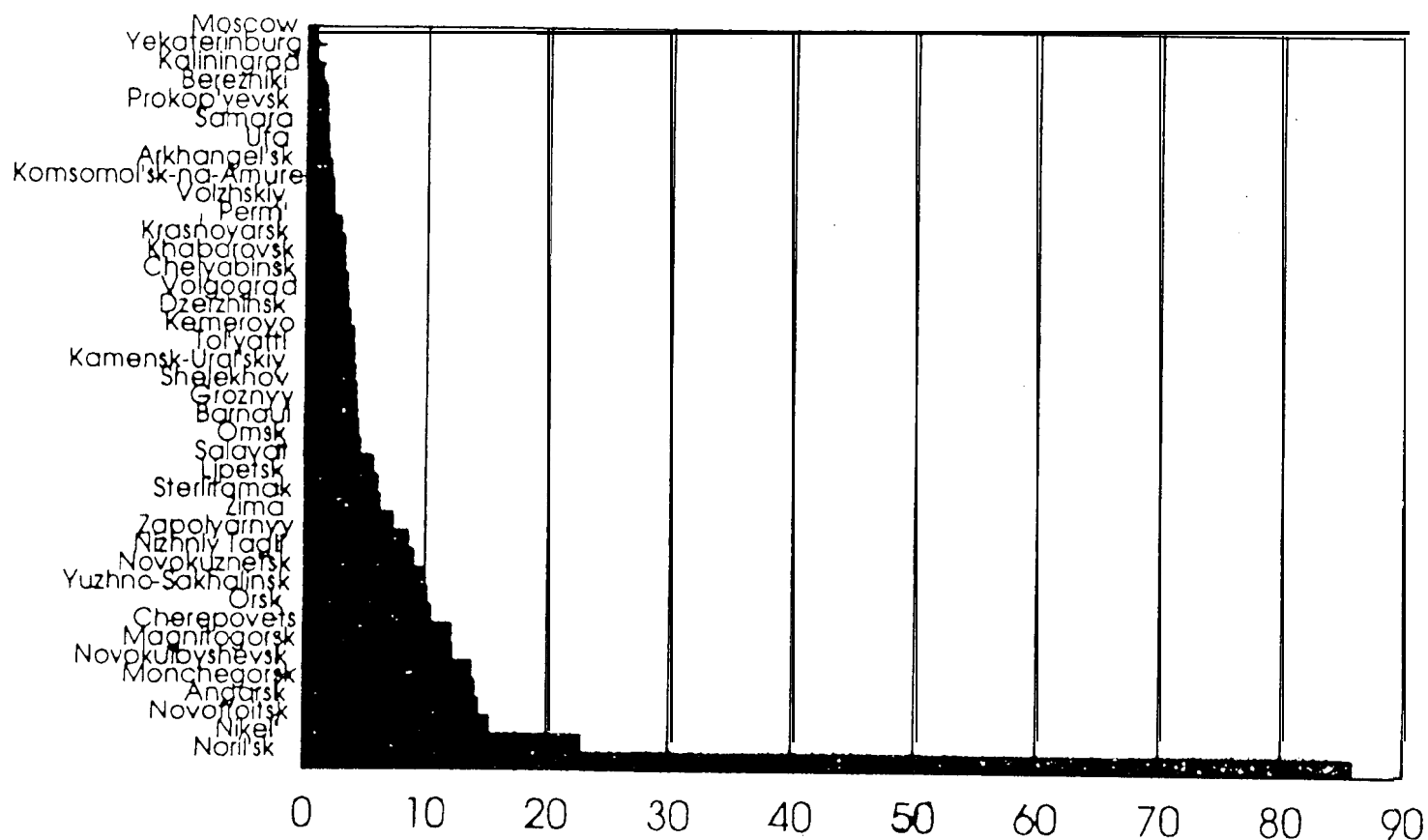
Net Toxic Waste Remaining at the End of 1993 (Thousands of Tons)



*These net for the end of the year was obtained by subtracting from the stock at the beginning of the year, the amount accrued during the year, minus the amount utilized, and that fully detoxified.

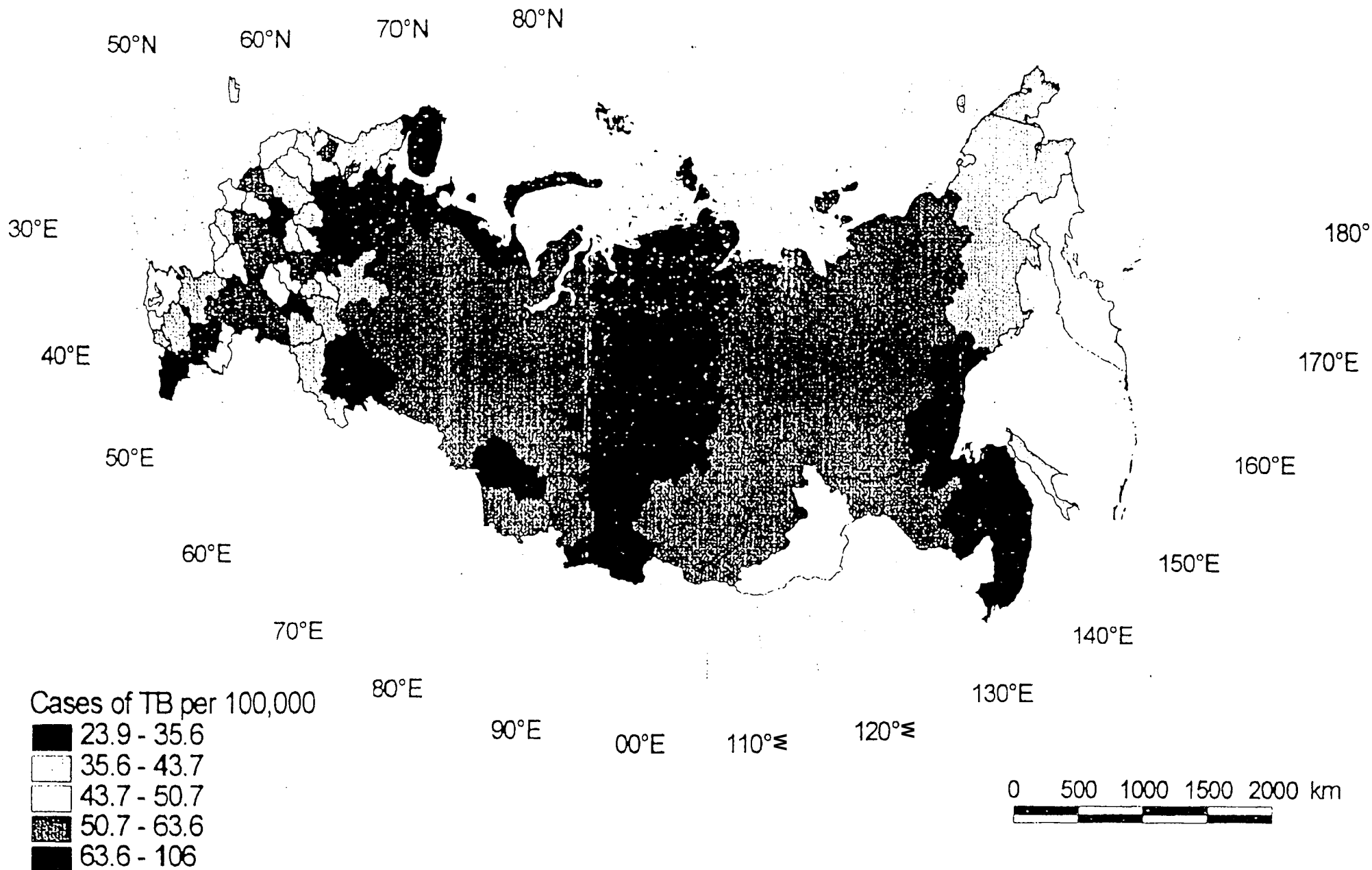
Source: Ministry of the Environment and Natural Resources Conservation. Gosudarstvennyi doklad "o sostoyanii Rossiyskoi Federatsii v 1995 godu," (Moscow, 1996), pp. 340-416

RELATIVE HAZARD COEFFICIENT, BY CITY, RUSSIA: 1992

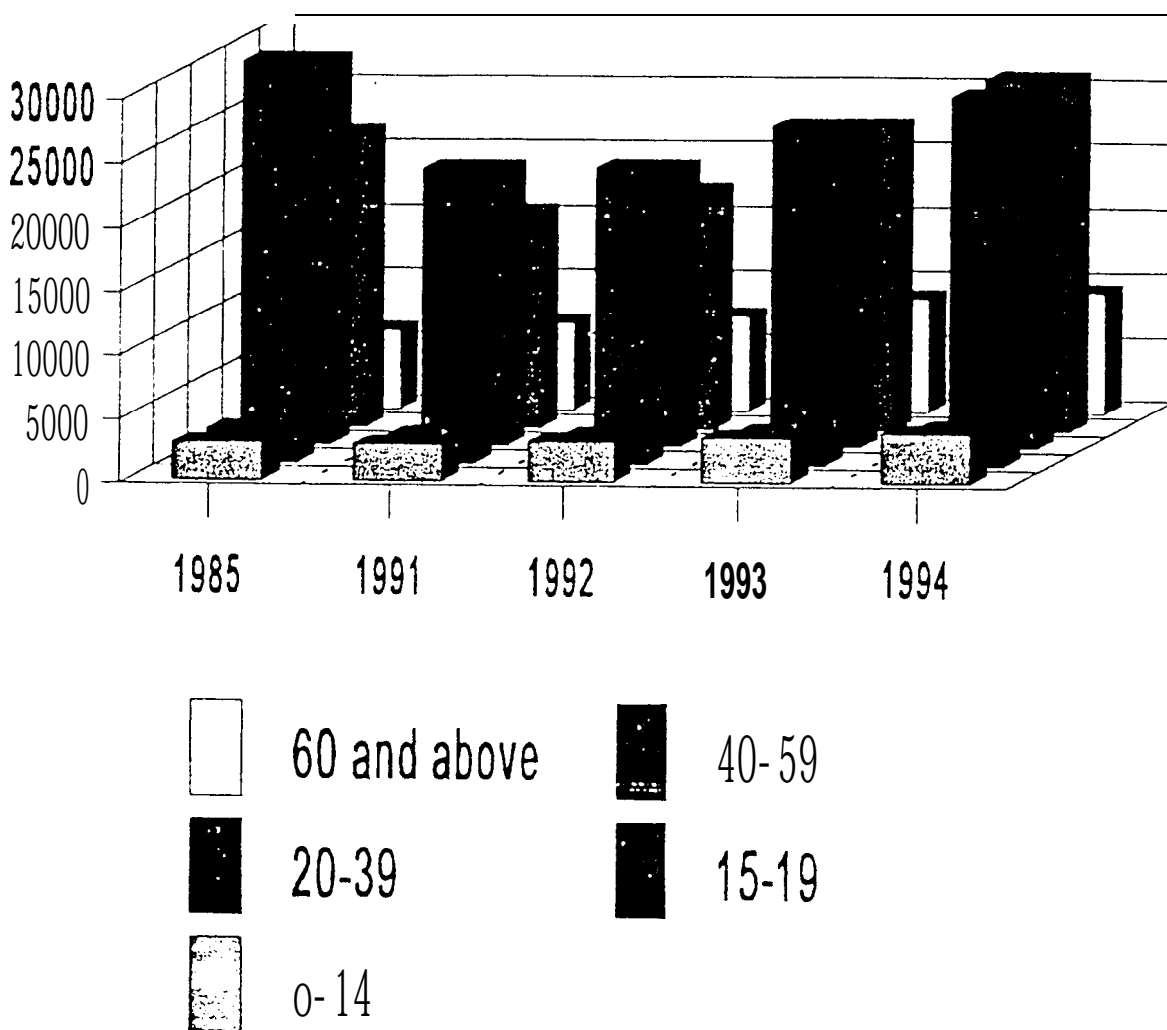


Source: Zdorov'ye naseleniya i khimicheskoye zagryazneniye
okruzhayushchey sredy v Rossi, Moscow, 1994, p. 10.

New Cases of Tuberculosis in the Russian Federation, 1994 (per 100,000)

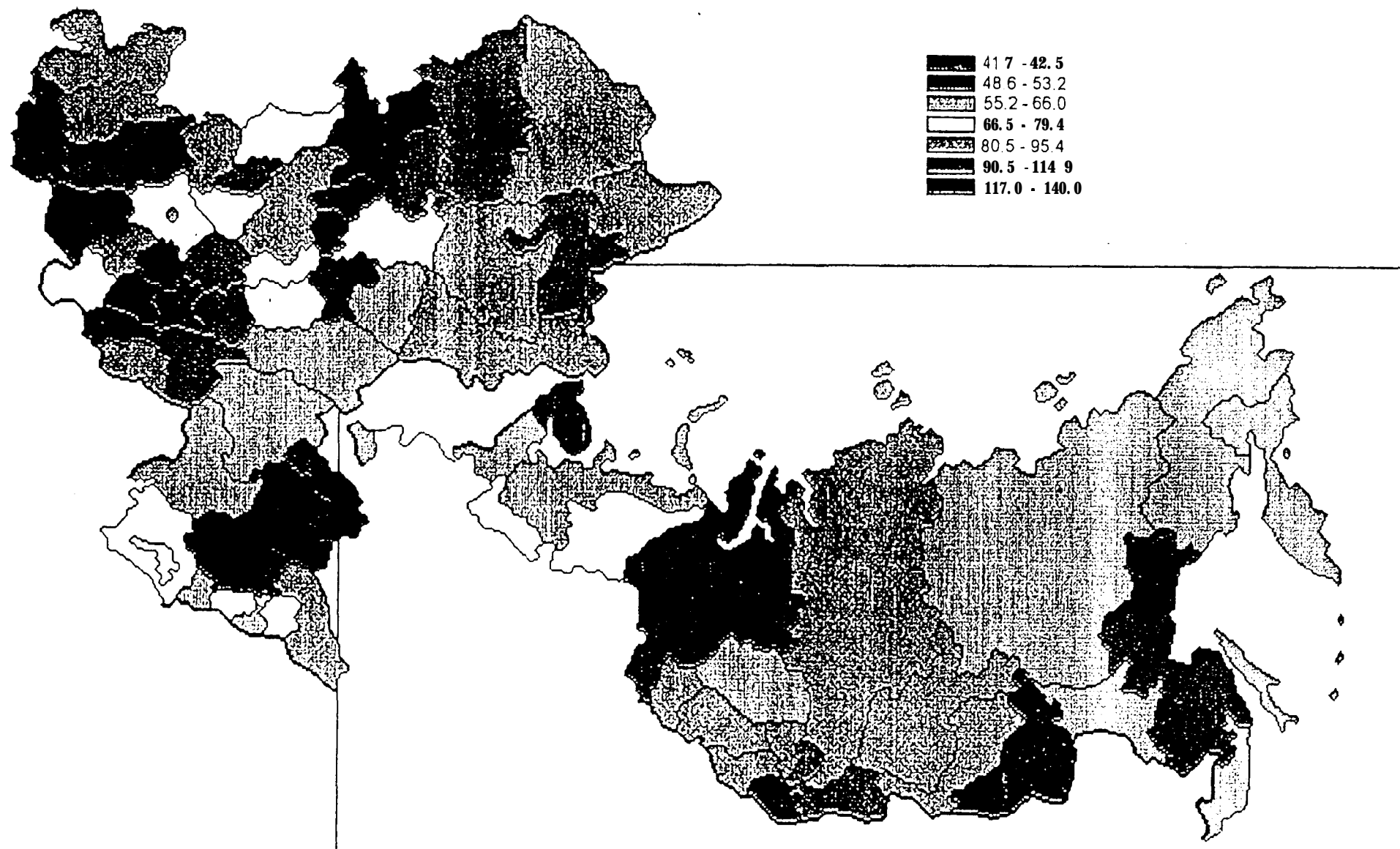


New Cases of Tuberculosis by Age Group, Case I - - - -



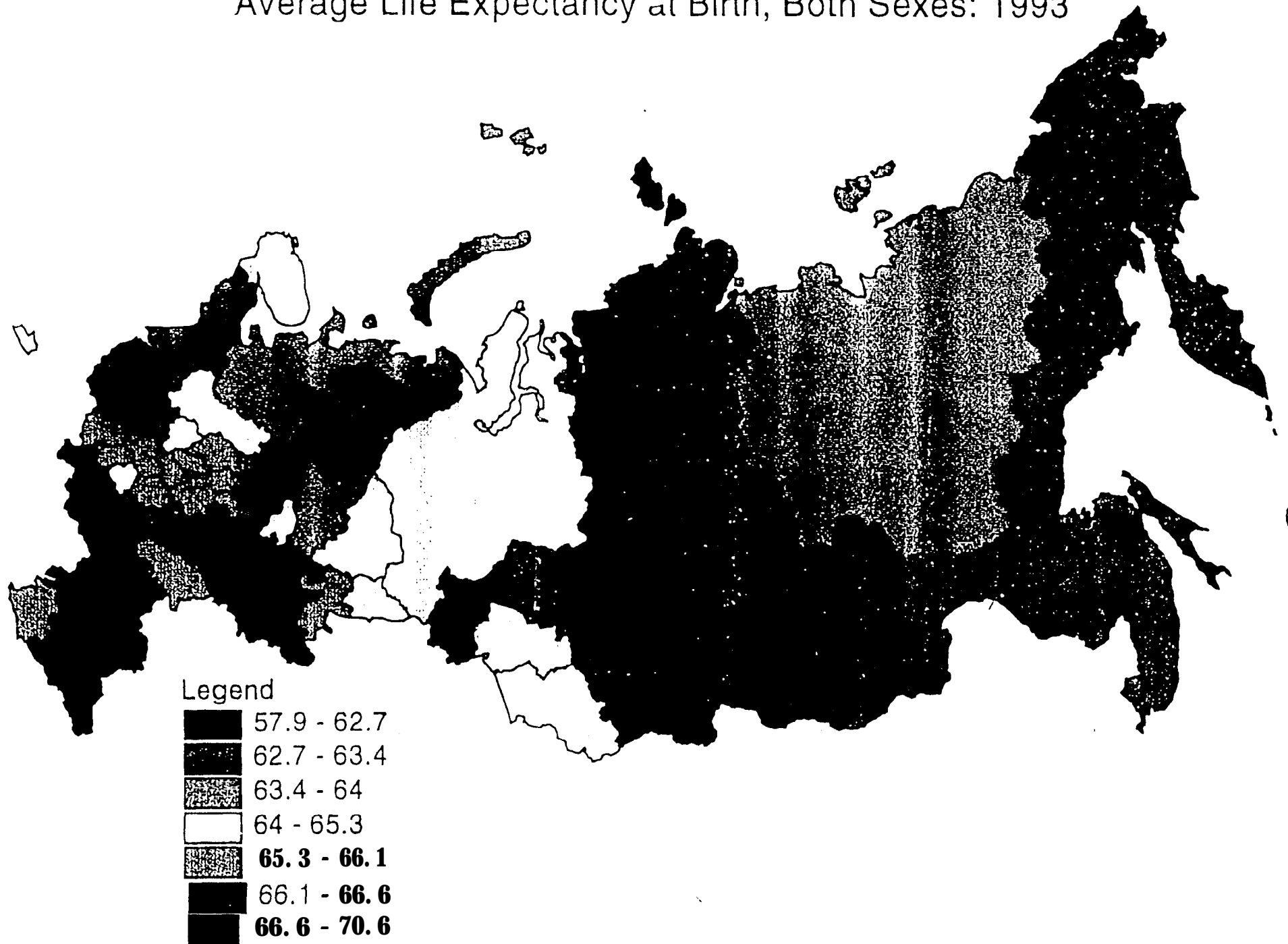
DEATHS FROM RESPIRATORY DISEASE, 1994 (PER 100,000)

DATAGRAF



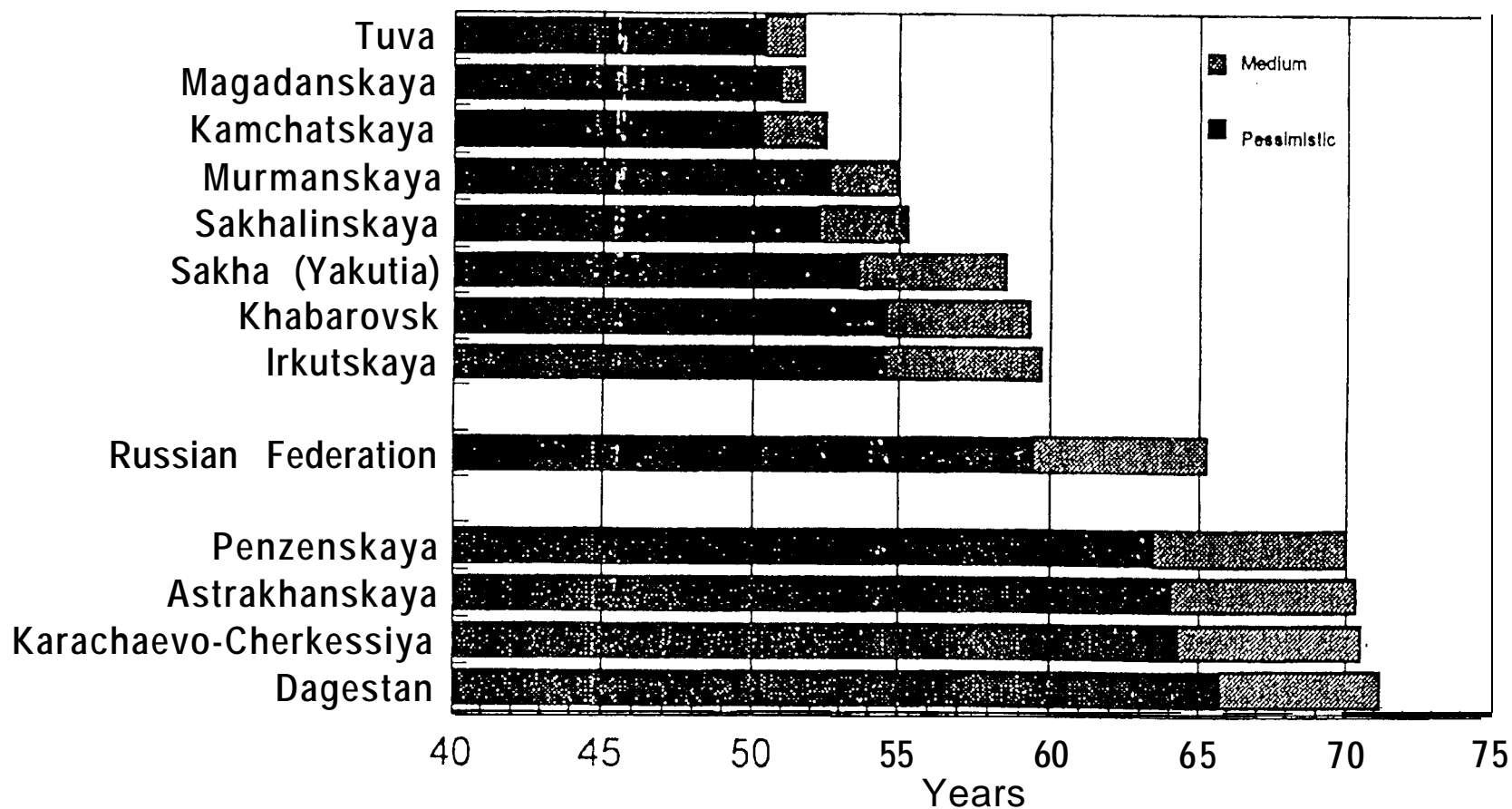
Source: Goskomstat Rossii, Meditsinskaya obshchivaniya naseleniya Rossiiskoi Federatsii v 1994 godu (Statisticheskii sbornik), Moskva, 1995, pp. 24-26

Average Life Expectancy at Birth, Both Sexes: 1993

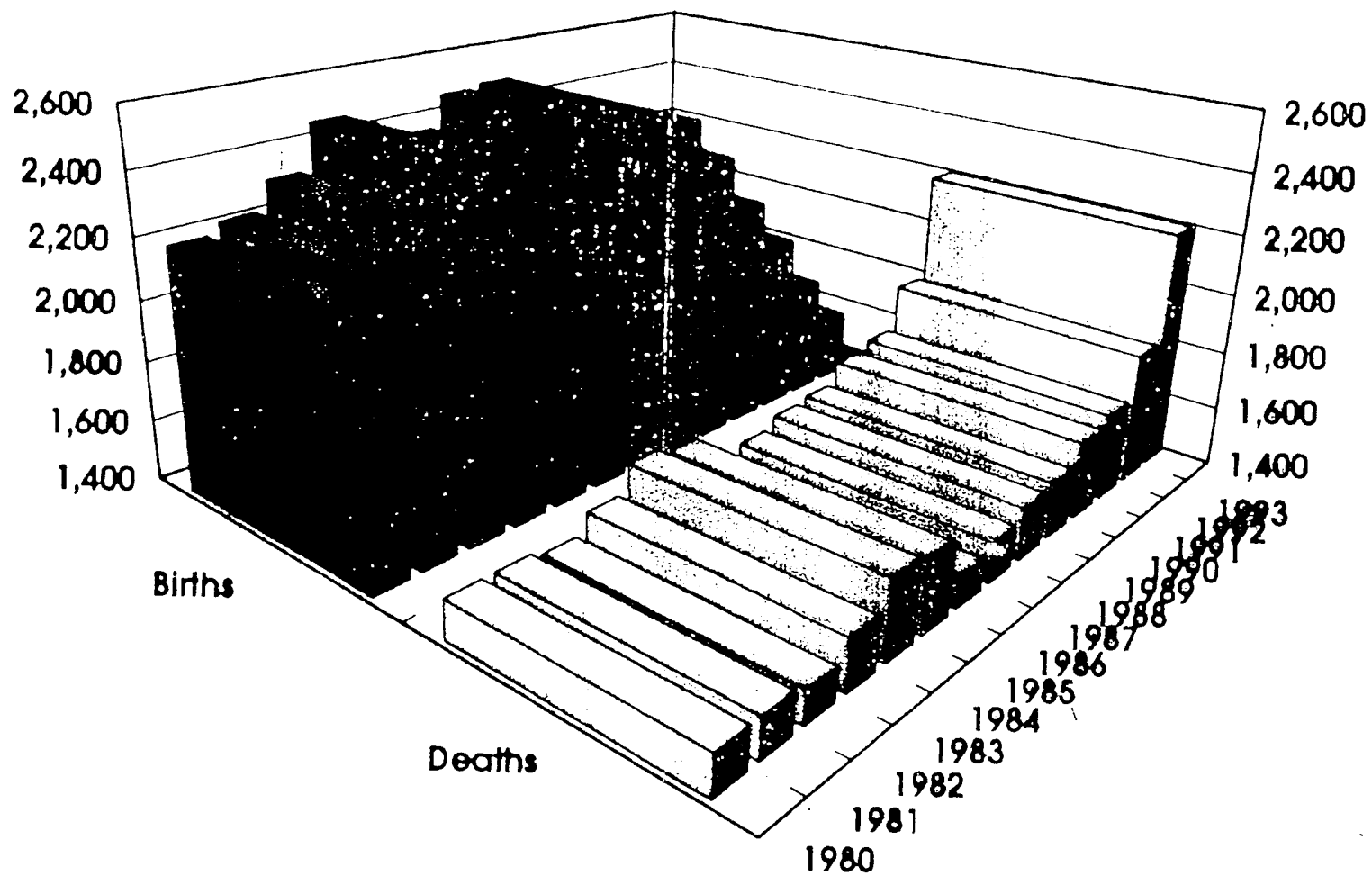


Source: Minzdravmedprom RF, Zdorov'ye naseleniya Rossi i deyatel'nost' uchrezhdeniy zdravookhraneniya v 1994 godu (statisticheskiye materialy), Moscow, 1995, pp. 25-28.

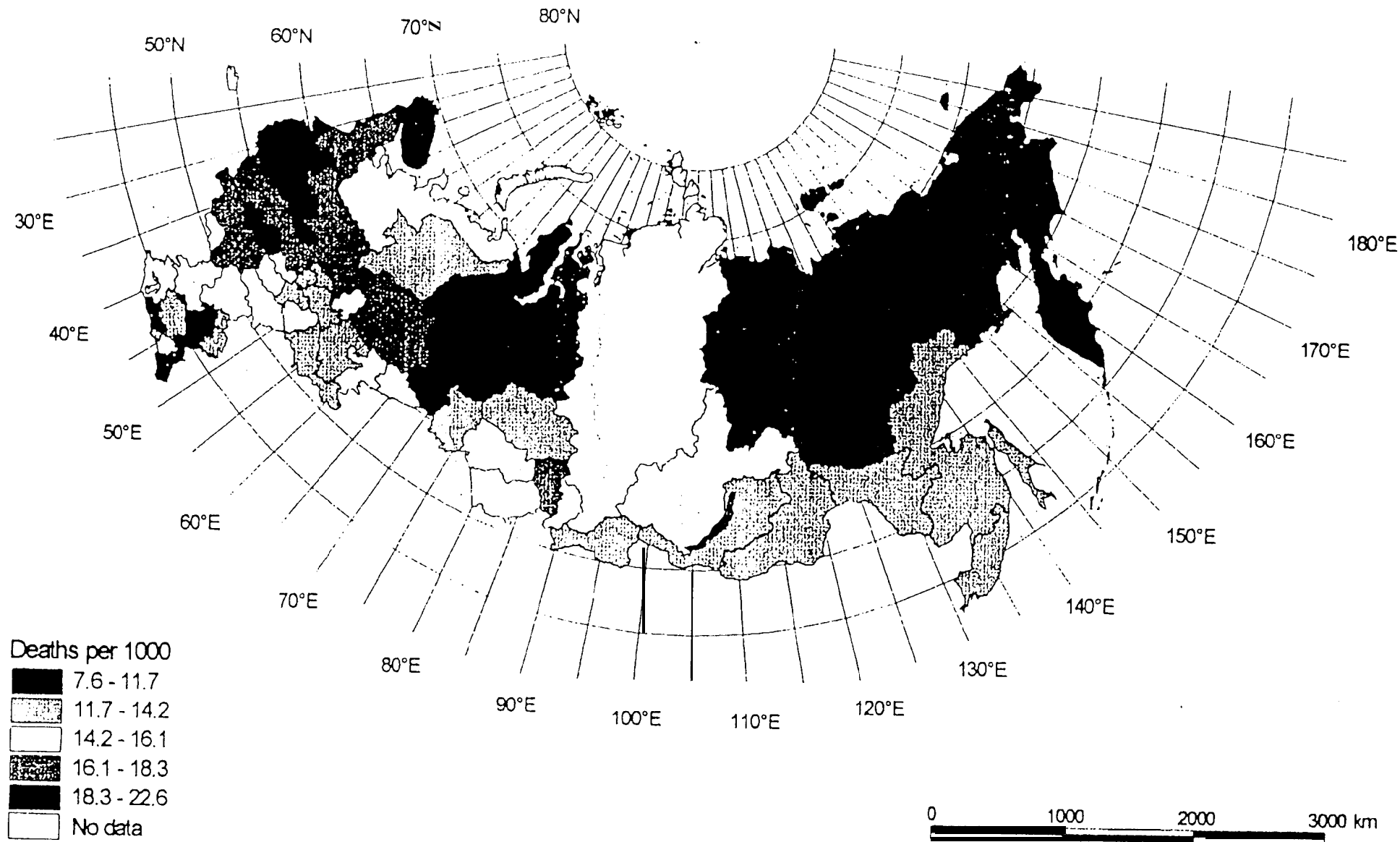
Projected Average Life Expectancy at Age 0,
by Administrative Territorial Unit, Russian Federation: 2005



RUSSIA: BIRTHS AND DEATHS
 ■ Births
 ■ Deaths



Crude Death Rate in the Russian Federation, 1994 (Number of Deaths Per 1000 Population)



Note: The average CDR in the RF in 1994 equalled 15.7 deaths per 1000 population.

Source: Goskomstat Rossii, *Meditsinskoye obsluzhivaniye naseleniya Rossiyskoy Federatsii v 1994 godu*

sbornik), Moscow: Goskomstat Rossii, 1995: pp 17-18.

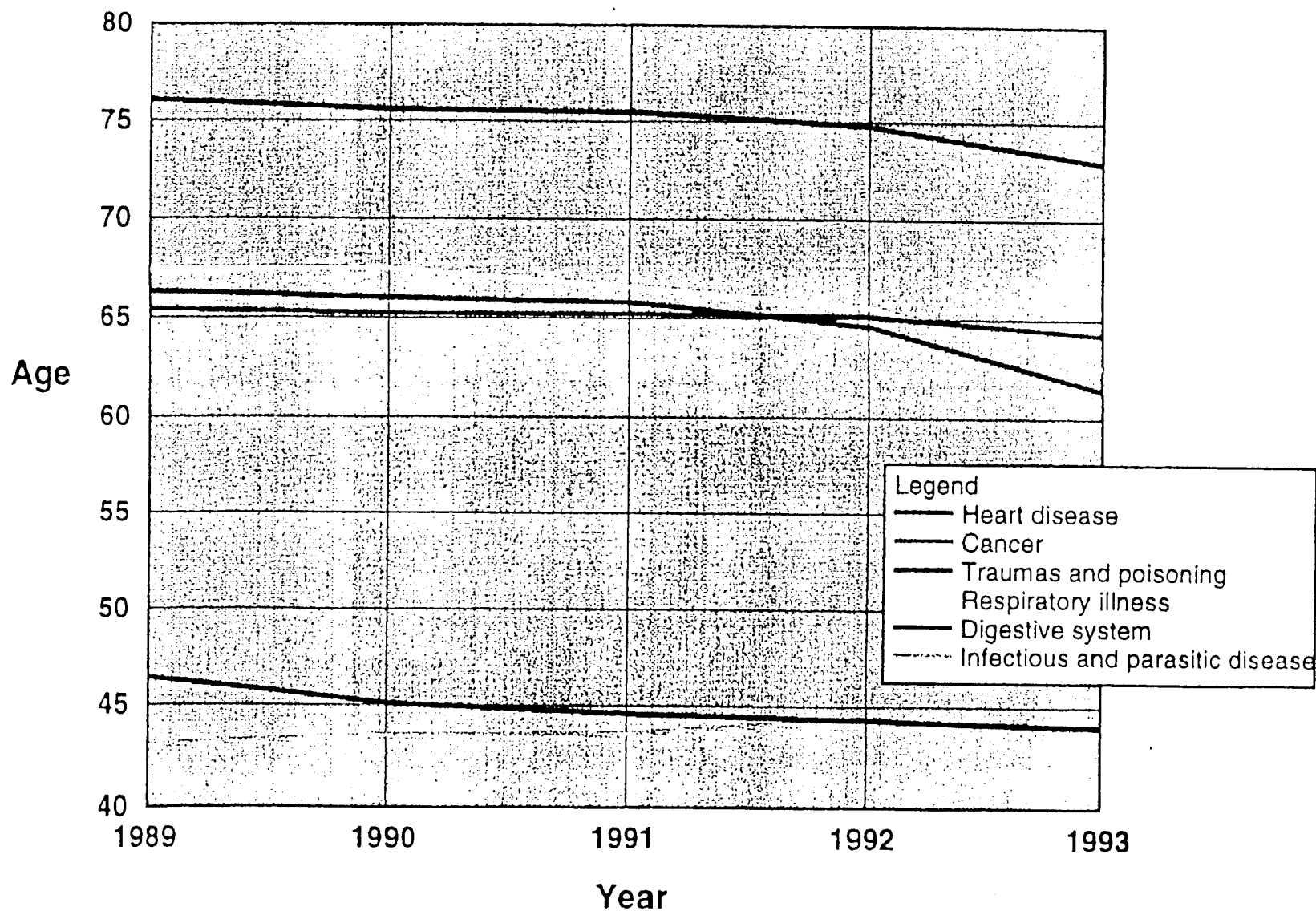
Age-adjusted death rates for selected causes of death, by sex:
Russian Federation and the United States: 1985, 1990 and 1992
(Deaths per 100,000 population)

Sex and cause of death ¹	Russia	U.S.	Russia	U.S.	Russia	U.S.
	1985	1985	1990	1990	1992	1992
All causes						
Total..	1,226.2	848.8	1,192.7	803.4	1,264.7	779.3
Male	1,771.5	1,104.8	1,688.4	1,035.3	1,803.7	998.8
Female	915.7	658.6	892.2	628.8	918.5	612.5
Diseases of the heart (390-398, 401-429) ²						
Total..	394.4	308.8	341.9	262.5	340.3	249.5
Male	536.0	411.8	474.2	344.7	481.5	325.7
Female	321.8	231.6	266.8	200.6	257.2	191.5
Cerebrovascular diseases (430-438)						
Total..	257.0	59.3	245.6	50.7	247.4	48.1
Male	304.4	63.0	287.3	53.9	288.3	51.2
Female	235.2	56.1	224.4	48.0	225.3	45.4
Malignant neoplasms (140-208)						
Total.,	156.7	197.1	196.7	200.0	199.3	197.8
Male	274.8	250.2	308.1	253.5	309.4	248.9
Female	96.4	161.3	137.0	164.2	138.3	163.5
Malignant neoplasms of the respiratory system (160-165)						
Total	43.7	56.0	49.9	60.0	50.8	59.1
Male	104.6	88.9	116.2	90.4	116.6	87.1
Female	10.7	31.7	10.8	37.6	11.7	39.1

¹**Cause** of death codes are from the *International Classification of Diseases, Ninth Revision*.

²For the United States, excluding ICD codes 401 and 403

Average Age at Death, By Basic Class, Russia, Both Sexes: 1989 to 1993



Mission: Cleanup Completion



Ms. Michelle Dandeneau

HQ USAF/ILEVR

22 May 1997

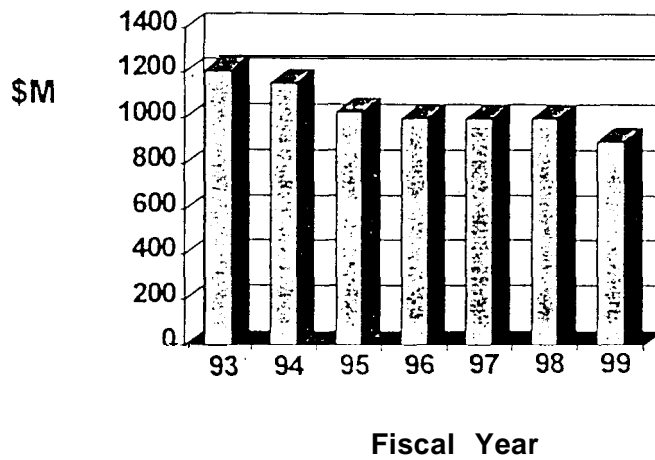


Overview

- cleanup by 2000
- Budget reality
- Shift in program focus
- Link to stakeholder consensus



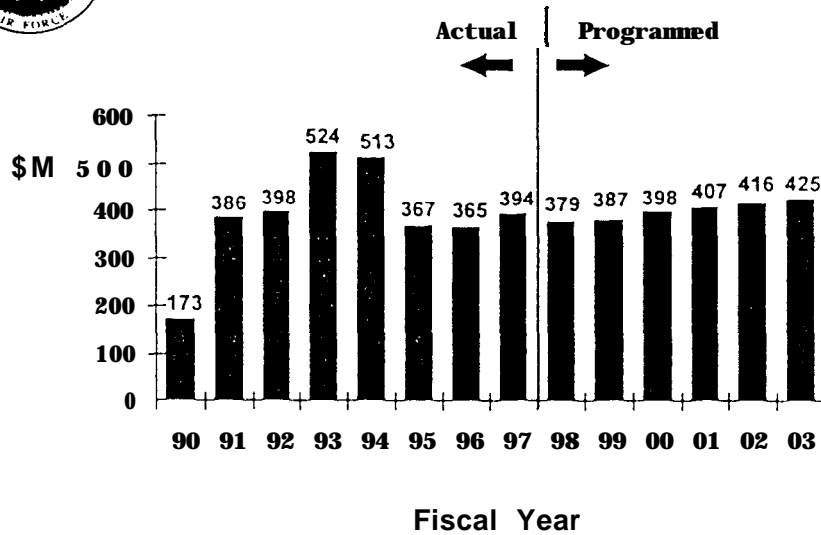
Cleanup by 2000



* As of 1992



Budget Reality (Present)





Shift in Focus

- Cleanup of a// sites with regulatory concurrence

Action:

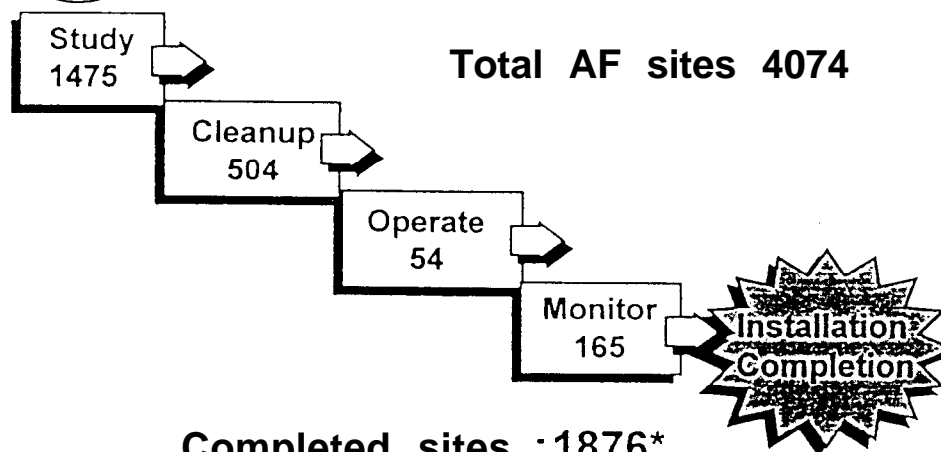
- Establish current baseline
- Develop a better plan

Tools:

- Inventory Management
- Schedule to Complete



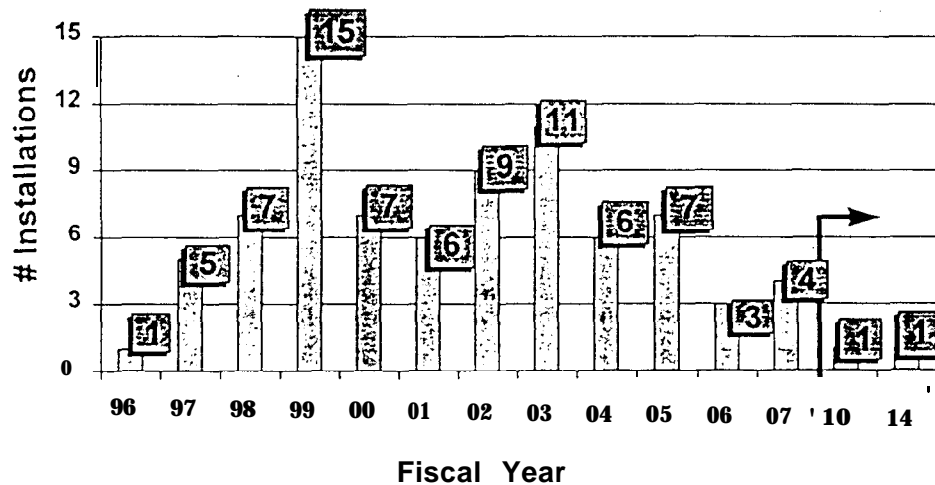
Inventory and Schedule to Complete



* Of 1876 sites, 866 have regulatory concurrence.



Final Cleanup Systems in Place



Link to Stakeholders

- Federal Facilities Environmental Restoration Dialogue Committee (FFERDC) Report
 - Consensus among 50 stakeholders
 - Restoration Advisory Boards
 - Risk Plus and Stable Funding



Summary

- Created efficiencies by using better business practices
- Stable funding ensures we complete our cleanup on schedule:
 - Sustains credibility with stakeholders
 - Returns TOA to AF faster